

Am An GEO CONSULTANT

NAGARAJ MOKASHI, MSc,
GEOLOGIST



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Ramjyothi Nagar, R.V.College Post, Bangalore - 560 059.

To,

Assistant Executive Engineer
Yelahanka Sub division
Bruhat Bangalore Mahanagara Palike

Date : 23/03/2020

GEO-TECHNICAL SURVEY REPORT (Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging to Bangalore city/village Near Ashwamek Sarnik Vihar Dated on 23/03/2020 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards marked by Red Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by Soft rock.

SOURCES EXTRACTED :

(I) Between 650' ft/mtrs. (II) 870' ft/mtrs.

(III) 1020' ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling

to app depth of 1100' ft/mtrs. Below the ground level,

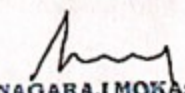
casing pipe required be to app depth of 200' ft/mtrs.

Approx. yield expected may be around 2 1/2" GPH.

Suggested to drill $4 \frac{1}{2}$ / $6 \frac{1}{2}$ dia Borewell.

NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.

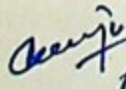
Save  Water


(NAGARAJ MOKASHI)

SAVE ENVIRONMENT

ADOPT RAINWATER HARVESTING

Services : Ground Water location by geo-hydrological, geophysical and divining methods, Drilling advisors and supervision. Rain Water harvesting, water shed management, Quarry operations, Planning, Water testing, Soil Testing & Surveying.

 AE-02

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Yelahanka Sub division
Bruhat Bangalore Mahanagara Palike

Date : 23/03/2020

GEO-TECHNICAL SURVEY REPORT (Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging to Bangalore city/village Kenchuraballi, Near Railway Crossing dated on 23/03/2020 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards - marked by Red Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by Soft rock.

SOURCES EXTRACTED :

- (I) Between 700' ft/mtrs. (II) 920' ft/mtrs.
(III) 1060' ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling to app depth of 1100' ft/mtrs. Below the ground level,

casing pipe required be to app depth of 220' ft/mtrs.

Approx, yield expected may be around 1 1/2" GPH.

Suggested to drill $4 \frac{1}{2}$ / $6 \frac{1}{2}$ dia Borewell.

NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.

Save  Water

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To,

Assistant Executive Engineer

Yelahanka Sub Division

Bruchat Bangalore Mahanagara Palike

Date : 23/03/2020

GEO-TECHNICAL SURVEY REPORT

(Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging to Bangalore city/village ISSRO layout near Bcm Ladies Hostel Dated on 23/03/2020 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards marked by Black. Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by Soft rock.

SOURCES EXTRACTED :

(I) Between 750' ft/mtrs. (II) 920' ft/mtrs.

(III) 1050' ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling to app depth of 1100' ft/mtrs. Below the ground level, casing pipe required be to app depth of 180' ft/mtrs.

Approx. yield expected may be around 2 1/2" GPH.

Suggested to drill 4 1/2" / 6 1/2" dia Borewell.

AE-2
Asst Executive Engineer
BBM
Yelahanka Sub Division

NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.

Save Water

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To,

Assistant Executive Engineer
Yelahanka Sub Division
Bruhat Bangalore Mahanagara Palike

GEO-TECHNICAL SURVEY REPORT (Ground Water Exploration)

Date : 23/03/2020

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging to Bangalore city/village Sai Vihar Layout Dated on 23/03/2020 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards — marked by B.Locis. Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by Soft rock.

SOURCES EXTRACTED :

- (I) Between 800' ft/mtrs. (II) 920' ft/mtrs.
(III) 980' ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling to app depth of 1050' ft/mtrs. Below the ground level, casing pipe required be to app depth of 160' ft/mtrs.
Approx. yield expected may be around 2" GPH.
Suggested to drill $4 \frac{1}{2}$ " / $6 \frac{1}{2}$ " dia Borewell.

NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.

Save  Water

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Yelahanka Sub division
Bruhat Bangalore Mahanagara Palike

Date : 23/03/2020

GEO-TECHNICAL SURVEY REPORT (Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging to Bangalore city/village Hazohalli village near Circle Dated on 23/03/2020 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

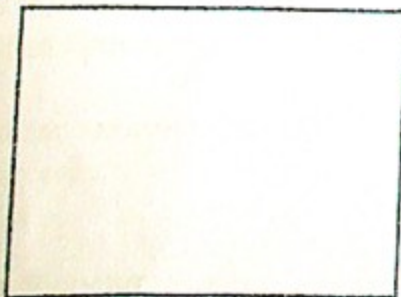
The area inspected has a slope towards - marked by Red Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by Soft rock.

SOURCES EXTRACTED :

- (I) Between 820' ft/mtrs. (II) 960' ft/mtrs.
(III) 1150' ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling to app depth of 1200' ft/mtrs. Below the ground level, casing pipe required be to app depth of 180' ft/mtrs. Approx. yield expected may be around 2" GPH.

Suggested to drill 4 $\frac{1}{2}$ " / 6 $\frac{1}{2}$ " dia Borewell.



NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.

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Yelahanka Sub Division
Brihat Bangalore Mahanagara Palike

Date : 23/03/2020

GEO-TECHNICAL SURVEY REPORT (Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging to Bangalore city/village Suryawarshi Layout Dated on 23/03/2020 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards - marked by Blocks. Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by Soft rock.

SOURCES EXTRACTED :

(I) Between 820' ft/mtrs. (II) 980' ft/mtrs.

(III) 1050' ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling

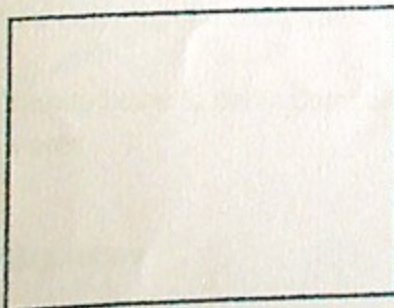
to app depth of 1250' ft/mtrs. Below the ground level,

casing pipe required be to app depth of 240' ft/mtrs.

Approx. Yield expected may be around 2 1/2" GPH.

Suggested to drill 4 1/2" / 6 1/2" dia Borewell.

NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.



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Accepted
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Yelahanka Sub Division
Bruhat Bangalore Mahanagara Palike

Date : 23/03/2020

GEO-TECHNICAL SURVEY REPORT

(Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging to Bangalore city/village Narganahalli village near water tank dated on 23/03/2020 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards marked by Red Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by Soft rock.

SOURCES EXTRACTED :

- (I) Between 900' ft/mtrs. (II) 1100' ft/mtrs.
(III) 1300' ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling

to app depth of 1350' ft/mtrs. Below the ground level,

casing pipe required be to app depth of 240' ft/mtrs.

Approx, yield expected may be around 2' GPH.

Suggested to drill $4 \frac{1}{2}$ / $6 \frac{1}{2}$ dia Borewell.

NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.

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To,

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Yelahanka Sub Division
Bruhat Bangalore Mahanagara Palike

Date : 23/03/2020

GEO-TECHNICAL SURVEY REPORT (Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging to Bangalore city/village Karnata/Sharma Layout Dated on 23/03/2020 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards marked by Red Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by Soft rock.

SOURCES EXTRACTED :

- (I) Between 650' ft/mtrs. (II) 820' ft/mtrs.
(III) 960' ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling to app depth of 1000' ft/mtrs. Below the ground level,

casing pipe required be to app depth of 180' ft/mtrs.

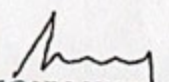
Approx. yield expected may be around 2" GPH.

Suggested to drill $4 \frac{1}{2}$ / $6 \frac{1}{2}$ dia Borewell.

NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.

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Recd
23/03/2020